

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date
28 April 2005 (28.04.2005)

PCT

(10) International Publication Number
WO 2005/037659 A2

(51) International Patent Classification⁷: B65D A. [US/US]; 435 Apple Blossom Road, Easton, PA 18040 (US).

(21) International Application Number: PCT/US2004/033173 (74) Agent: GREELEY, Paul D.; Ohlandt, Greeley, Ruggiero & Perle, 10th Floor, One Landmark Square, Stamford, CT 06901-2682 (US).

(22) International Filing Date: 8 October 2004 (08.10.2004) (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(25) Filing Language: English (82) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH,

(26) Publication Language: English

(30) Priority Data: 60/510,253 10 October 2003 (10.10.2003) US

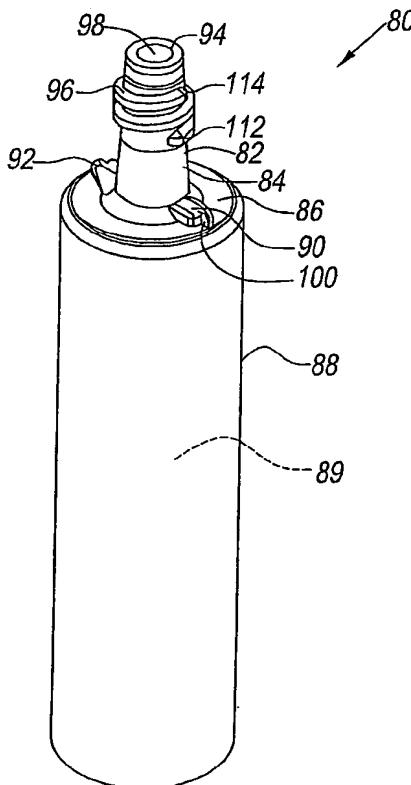
(71) Applicant (for all designated States except US): PECHINEY PLASTIC PACKAGING INC. [US/US]; 191 Route 31 North, P.O. Box 97, Washington, NJ 07882-0977 (US).

(72) Inventor; and (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH,

(75) Inventor/Applicant (for US only): ABBOTT, Douglas,

{Continued on next page}

(54) Title: CHILD-RESISTANT PACKAGE



(57) Abstract: A dispensing tube package. The package has a dispensing container and a closure engageable and lockable with the dispensing container. The container has a body wall and a head. The head has a neck and a shoulder. The body wall defines a chamber therein. The neck communicates with the body wall via the shoulder. The neck has an orifice therein and a passageway therethrough extending from the orifice to the chamber. One or more lugs extend from the shoulder adjacent the periphery of the shoulder. The neck has a first thread extending therefrom. The first thread has a pitch of about 0.08 to about 0.16 inch and an initial full thread generally in alignment with the lug direction and the longitudinal extension of the neck. The closure has a top end having a generally circumferential outer skirt extending therefrom and a generally circumferential inner skirt extending therefrom. The inner skirt is situated inside the outer skirt. The inner skirt has a second thread extending therefrom at an inner surface. The second thread is rotatably engageable with the first thread of the neck. The outer skirt terminates at a first edge opposite the top end. The inner skirt terminates at a second edge opposite the top end. The outer skirt has a slot therein extending inward from the edge. The slot therein is adapted to receive a portion of the lug therein when the closure is in locking position with the head. Further, there is a dispensing container. Still further, there is a closure.

Best Available Copy

WO 2005/037659 A2



GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

Best Available Copy